



JCIO Recommendations for IT Standards

After discussion by the IT Standards Advisory Group, the decision was made to:

1. Give the current list of IT standards to the CIO Council for review (after DAS-ITE staff reviewed the list and identified outdated standards or those that may no longer be relevant). The review was to determine if the needs of the enterprise are being met and was to be conducted in the context of the TGB strategic plan.
2. Give list of goals from administrative rules 25.5(5) to the JCIO to determine if other additional standards are needed. This list was to include pros and cons for creating a standard.

During recent JCIO discussions regarding IT operational standards, the group evaluated whether product specific standards or more general standards are the better approach for Iowa's federated environment. The JCIO agreed a more general approach is needed, and the general standards will follow commonly-accepted industry standards (ANSI, etc.) during the revision of existing and the development of new IT standards.

Recommended IT Standards for Deletion

The JCIO reviewed the current list of IT standards and recommended these four standards for deletion:

S-002-002	Enterprise Windows 2000 Active Directory Infrastructure-Forest Directory
S-010-001	Electronic Forms Software
S-013-001	21 st Century Learning Infrastructure
S-014-001	Data Warehouse Systems

Recommended IT Standards for Editing

During the JCIO's review of the current standards, these fourteen standards were deemed in need of editing to remain current. One on the list has already recently been rewritten and approved. Some of these edits will be relatively minor, while some standards in this category will require a great deal of editing:

S-003-001	Centralized Directory Service
S-003-002	Cross Calendaring Service
S-004-001	Database Management Systems
S-004-002	RDBMS Development Environment
S-005-001	Storage Area Network: SAN Technical Drawing
S-006-001	E-Mail Systems



S-006-002	E-Mail Address Naming
S-008-001	Mandated Agencies Reports
S-009-001	Web page
S-011-001	Data Backup Standard
S-012-001	Information Technology Security Plan <i>(NOTE: This standard was recently rewritten and the new version approved at the March IT Standards Advisory Group and TGB meetings)</i>
S-012-002	Enterprise Wireless LAN
S-012-006	Shared Authentication
S-015-001	Enterprise Payment Engine

25.5(5) Goals for information technology standards

The JCIO reviewed the current list of goals in administrative rules 25.5(5) and have these suggestions for editing the goals related to the development of IT operational standards. The suggested edits will adjust these goals for a more general and less product specific set of IT standards.

The underlying purpose of operational standards involving information technology shall be one or more of the following:

- a) To promote consistency in the automation of ~~the state's common infrastructure~~ systems;
- b) To eliminate duplicative development efforts ~~by multiple state government entities~~;
- c) To ensure continuity of ongoing state operations;
- d) To promote administrative efficiencies relating to development and maintenance of systems ~~common data~~;
- e) To enable the state to realize its full purchasing power from the use of a statewide, enterprise approach to the selection of technology solutions; and
- f) To enhance security of systems and protection of personal information.

Recommendations for IT Standard Chapters

Instead of the current fifteen chapters for organizing IT standards, the JCIO recommend the following chapter divisions.

IT Procurement

This category will not prescribe hardware or software products by name or manufacturer, but these standards will reference the applicable purchasing contract to be used.

- | | |
|-----------|---|
| S-001-001 | Personal Computer Hardware Platforms: Desktop |
| S-001-002 | Enterprise Desktop and Laptop Purchasing |
- (plus other procurement mandates deemed to be in this category)*



IT Recommended Process

These standards are recommendations for IT processes that are not prescribed, but these include industry best practices and related processes. Future standards in this area may include such topics as documentation or project management.

S-007-00X Programming Languages & Development Tools *(no current standard)*

S-009-001 Internet & Web-Web Page

(plus other recommendations deemed to be in this category)

IT Mandated Process

These standards are for mandated IT processes that have been prescribed by the TGB or another governing body.

S-006-001 E-Mail Systems

S-015-001 Enterprise Payment Engine

(plus other mandates deemed to be in this category)

NOTE: For identification purposes, the current chapters and numbers were used to identify existing IT standards. These chapters and numbers will change depending on the decisions of the IT Standards Advisory Group.